

## ABSTRACT

Sensitive, Type 1 KIV-encrypted data is encapsulated into IP packets in a remotely deployed, secure communication system. The IP packets are addressed to a matching IP encapsulator/decapsulator device  
5 over the public Internet or other IP protocol network, that then passes it to a similar Type 1 KIV device for decryption. Thus, sensitive, encrypted data is made to appear as if it were any other commercial network data, cloaking it in the vast and busy world of the Internet. The present invention is embodied in a system that provides secure Voice-Over-IP  
10 (VOIP), video and data network functionality in a single, small size deployable case, to a remote user. Most importantly, the embodiment allows for the routing of bulk encrypted (i.e., secure) data over a public network, e.g., the Internet.

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